



# FEMA



Prepared by  
*Todd Beal*

# FEMA Region 6 Weather Threat Briefing

Sunday July 25, 2021

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)



- **Isolated heavy rain/flash flooding possible over NM today through Tuesday. Isolated heavy rainfall over parts of TX, OK, AR today and Monday.**
- **Heat advisories in effect today for OK, N TX, AR, and LA.**
- **A low pressure system about 160 miles east of Daytona Beach, FL could become a tropical depression today or early Monday as the low drifts westward towards the FL Peninsula.**
  - **No impacts to FEMA Region 6 are expected.**

# FEMA Region 6 Threat Matrix

Jul 25, 2021 - Jul 29, 2021



**SR ROC**  
REGIONAL OPERATIONS CENTER

| DAY / THREAT                | Sun                        | Mon         | Tue        | Wed   | Thu   |
|-----------------------------|----------------------------|-------------|------------|-------|-------|
| Severe Storms               |                            |             |            |       |       |
| Heavy Rain / Flash Flooding | NM,AR, OK, NE TX Panhandle | N NM, OK,AR | NM         |       |       |
| Fire Weather                |                            |             |            |       |       |
| Tropical Winds / Surge      |                            |             |            |       |       |
| Heat                        | OK,AR, N TX, LA            |             |            |       |       |
| River Flooding              | ETX, S LA                  | ETX, S LA   | ETX, SE LA | SE LA | SE LA |

|  |                                   |
|--|-----------------------------------|
|  | No Weather Threats Expected       |
|  | Very Common – Happens Often       |
|  | Common – Happens Frequently       |
|  | Uncommon – A Few Times a Year     |
|  | Rare – Once Every 1-5 Years       |
|  | Very Rare – Once Every 5-10 Years |

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Tropical Weather Outlook – Atlantic/Gulf



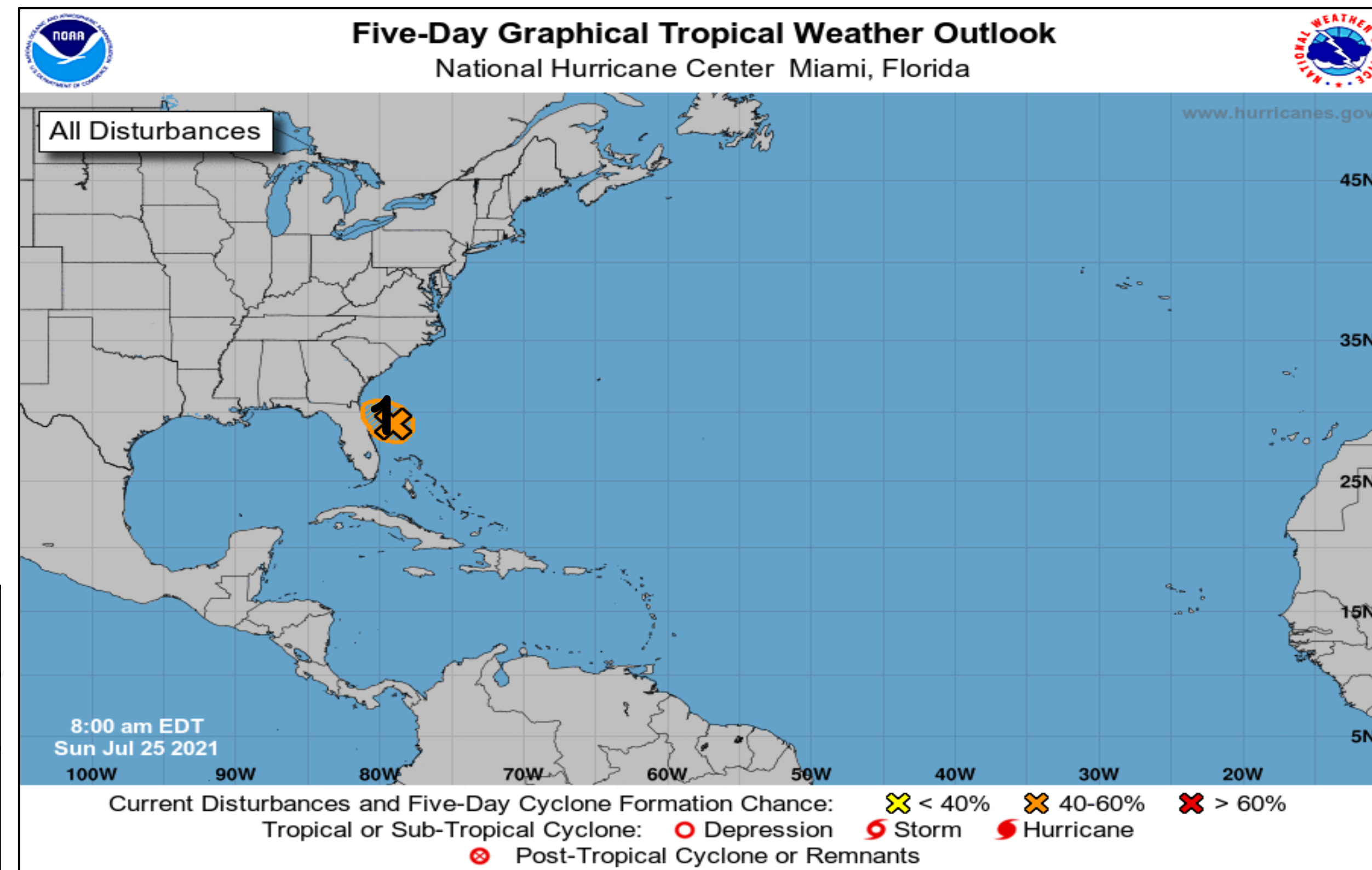
**SR ROC**  
REGIONAL OPERATIONS CENTER

## Areas of Possible Development

| Area | Chance of Development | Potential Impacts to FEMA 6 |
|------|-----------------------|-----------------------------|
| 1    | Medium                | None expected.              |

## Active Tropical Cyclones

| Storm | Potential Impacts to FEMA 6 |
|-------|-----------------------------|
| -     |                             |



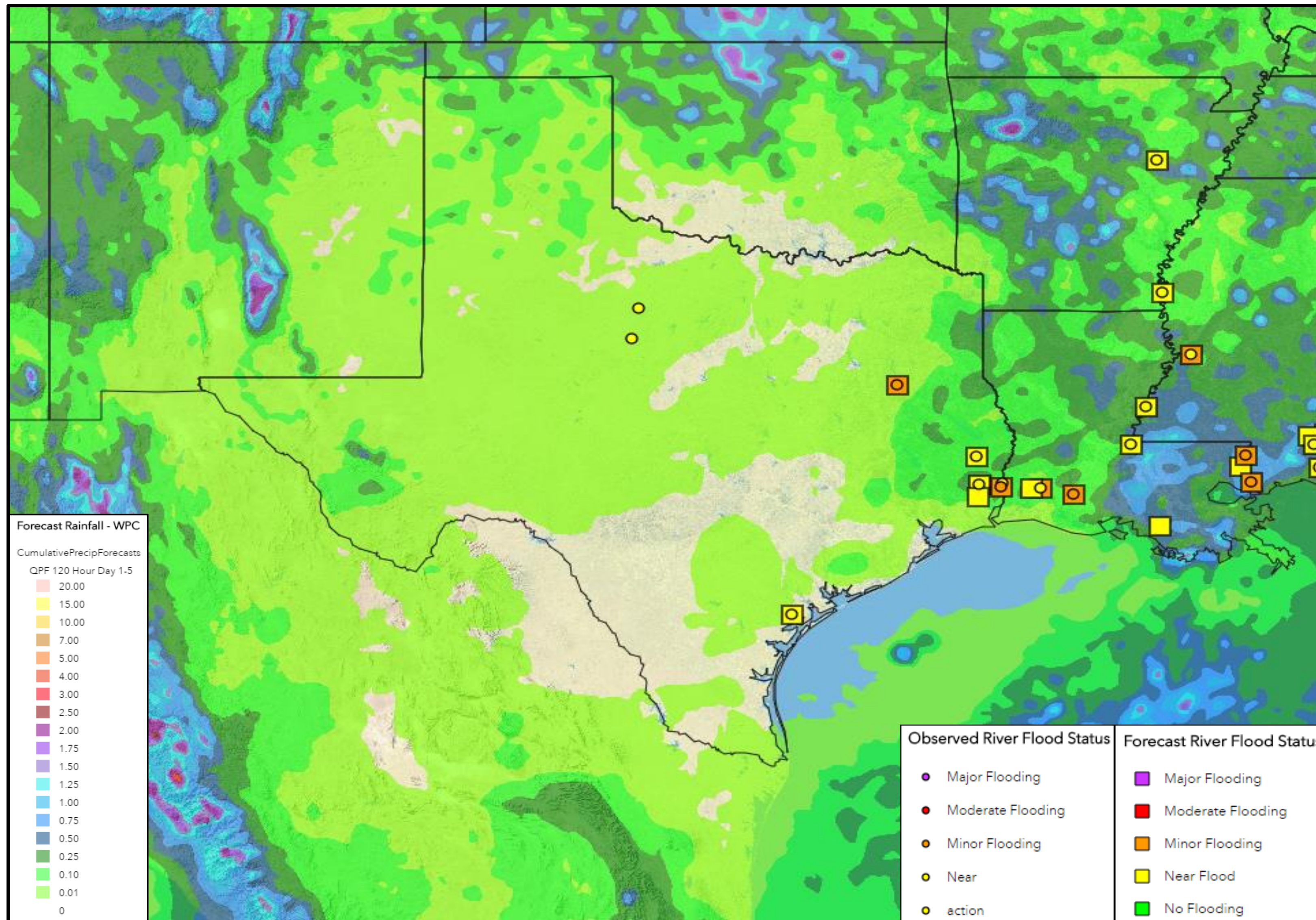


# 5-Day Precipitation Forecast & River Flood Status



**SR ROC**  
REGIONAL OPERATIONS CENTER

*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**The Neches River near Neches in E TX will be in minor flood through early this week; minor lowland & boat ramp flooding expected.**

**Minor flooding is occurring throughout S LA with impacts to marshland, recreational areas & secondary roads.**

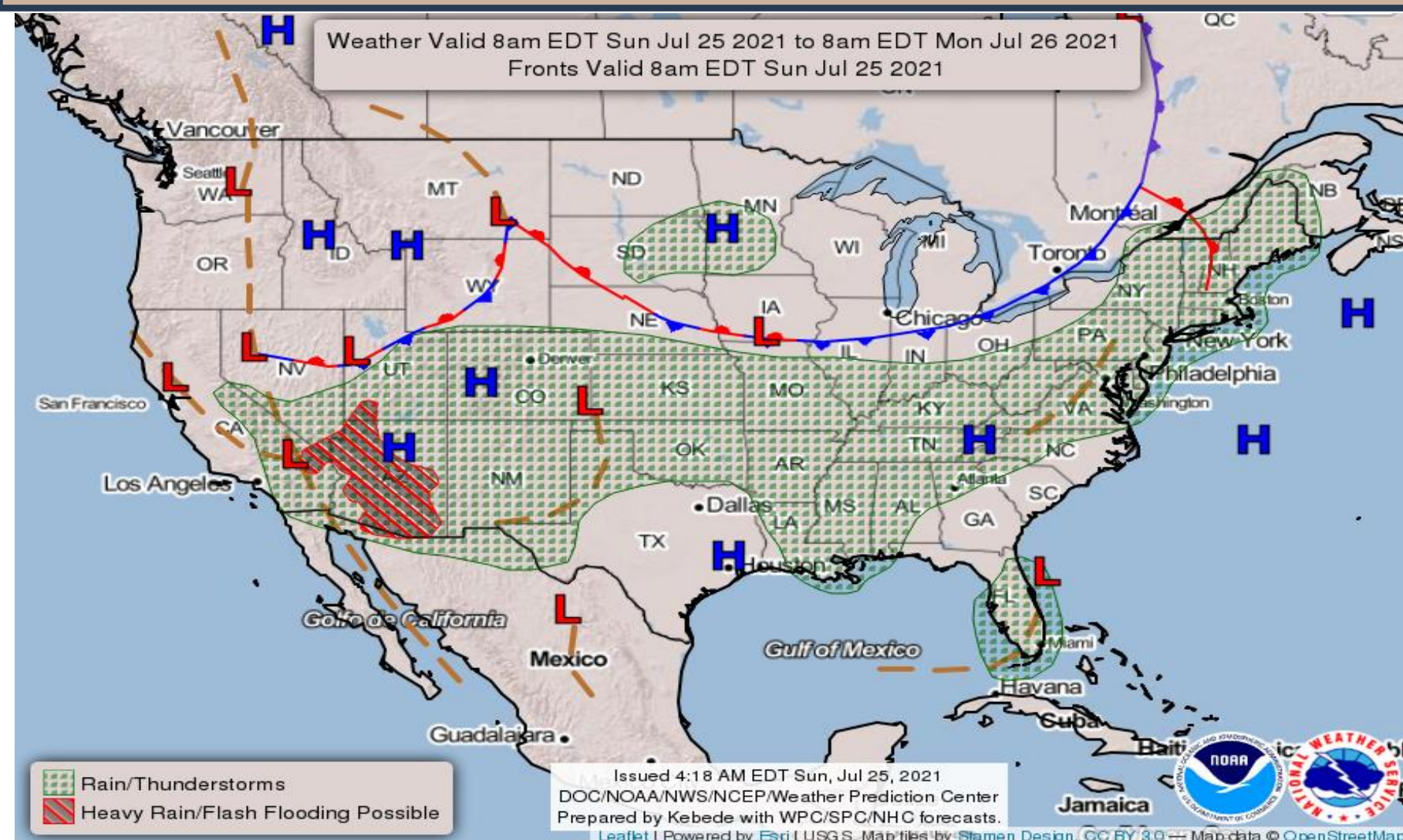
**The Pearl River in SE LA will likely remain in minor flood through this week.**

**Additional river flooding is not expected due to rainfall the next 5 days.**

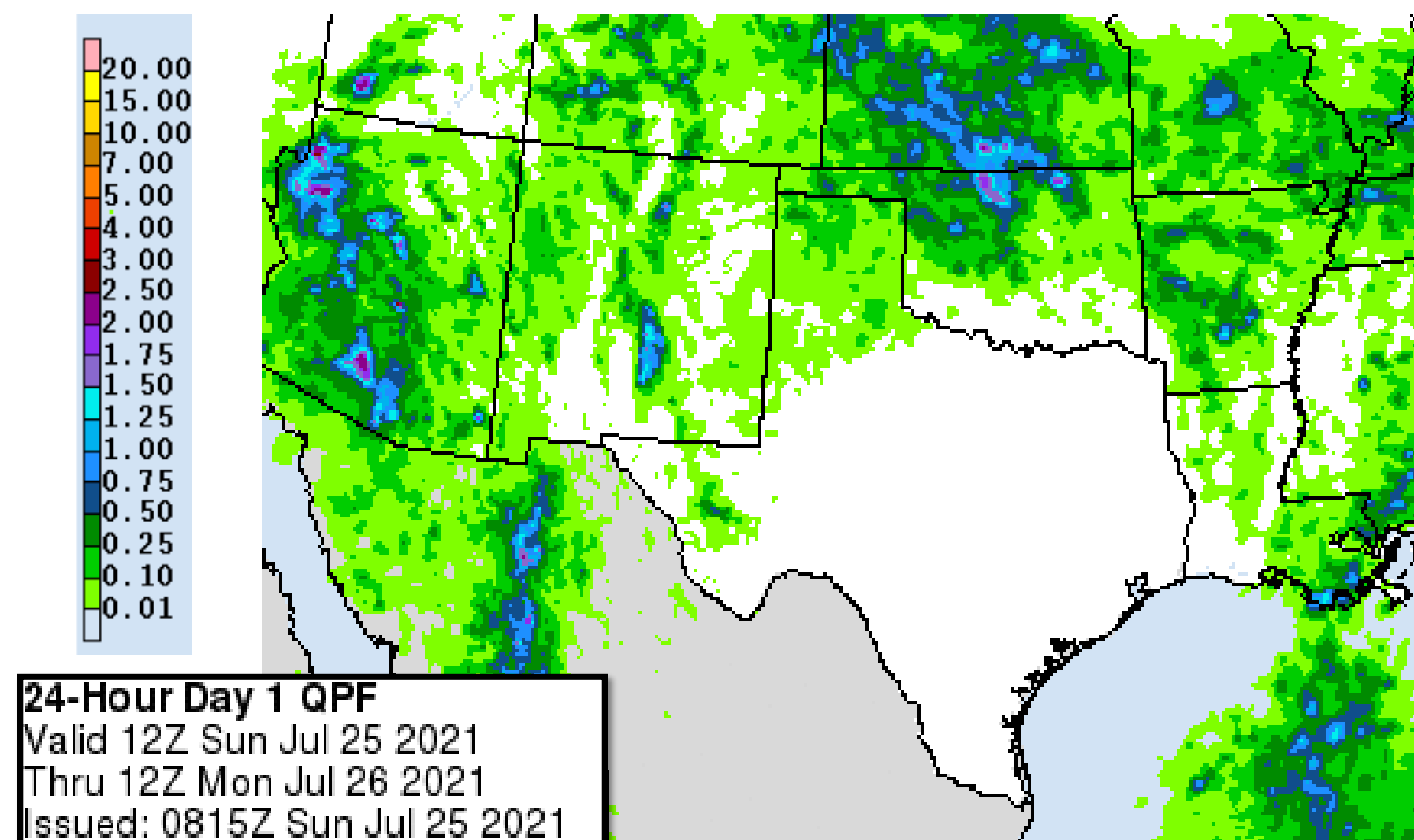


# Today's Weather

## Forecast Chart

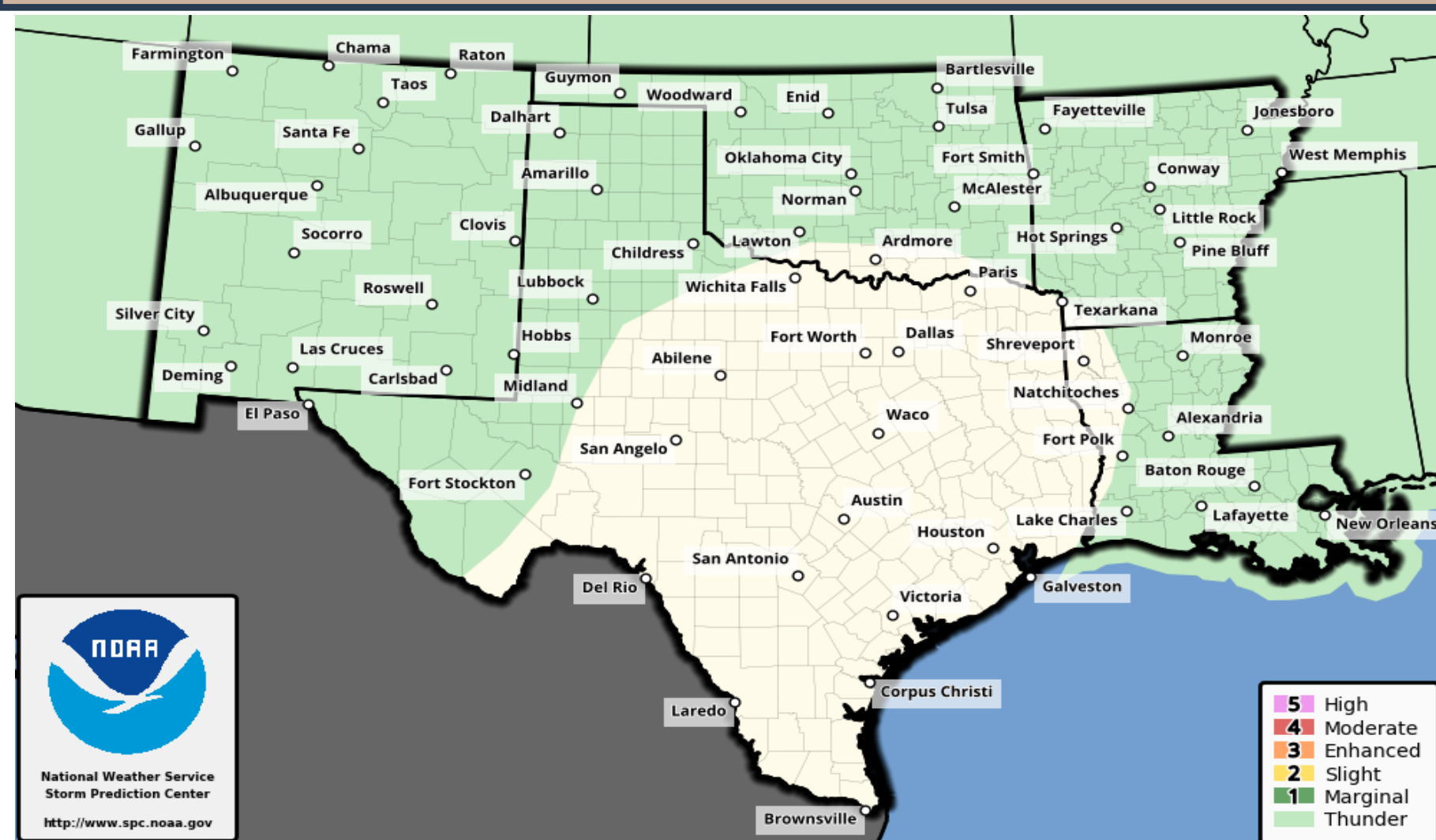


## Forecast Rainfall

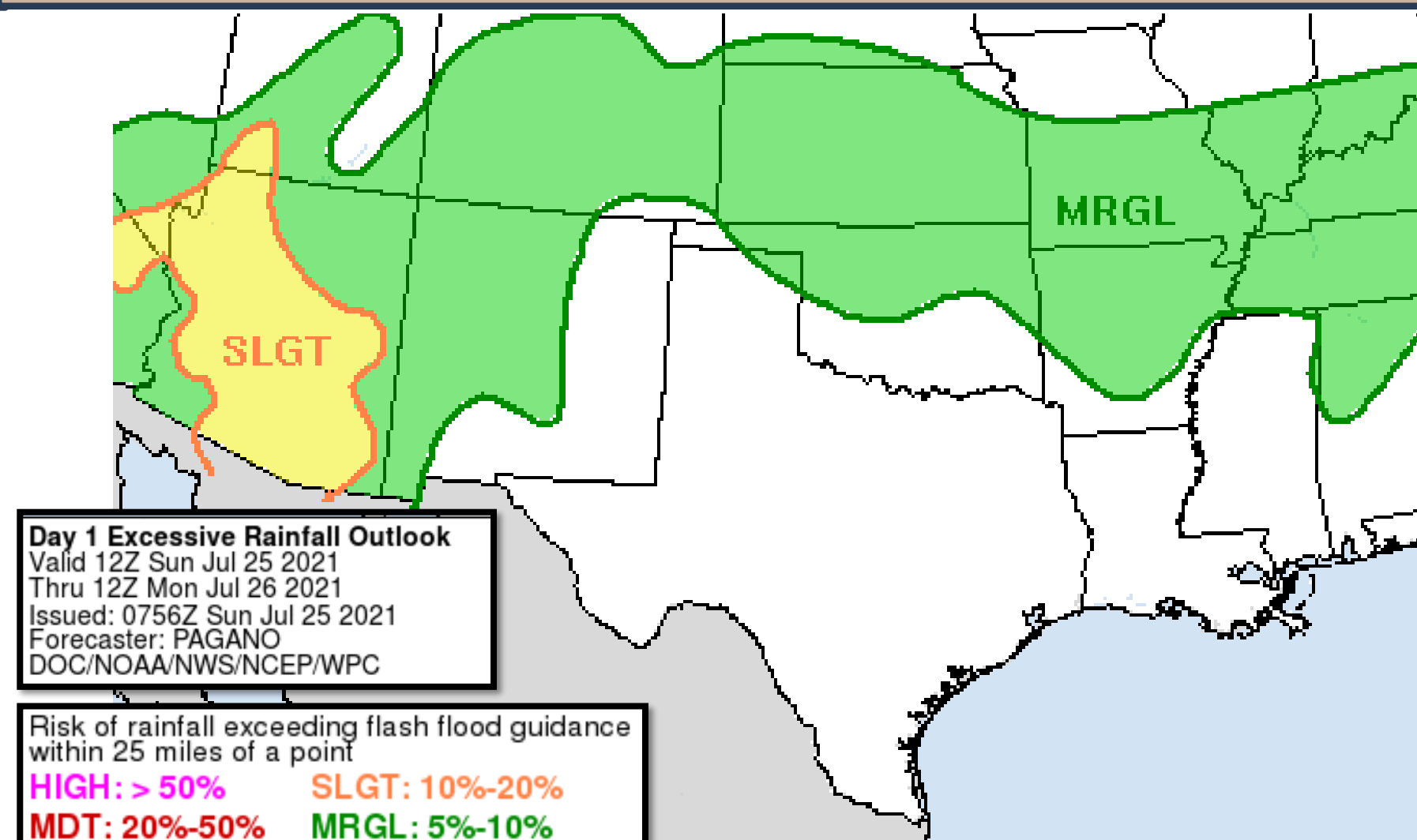


Isolated heavy rainfall and flash flooding possible over NM, AR, OK, NETX Panhandle..

## Severe Weather Outlook



## Excessive Rainfall Outlook



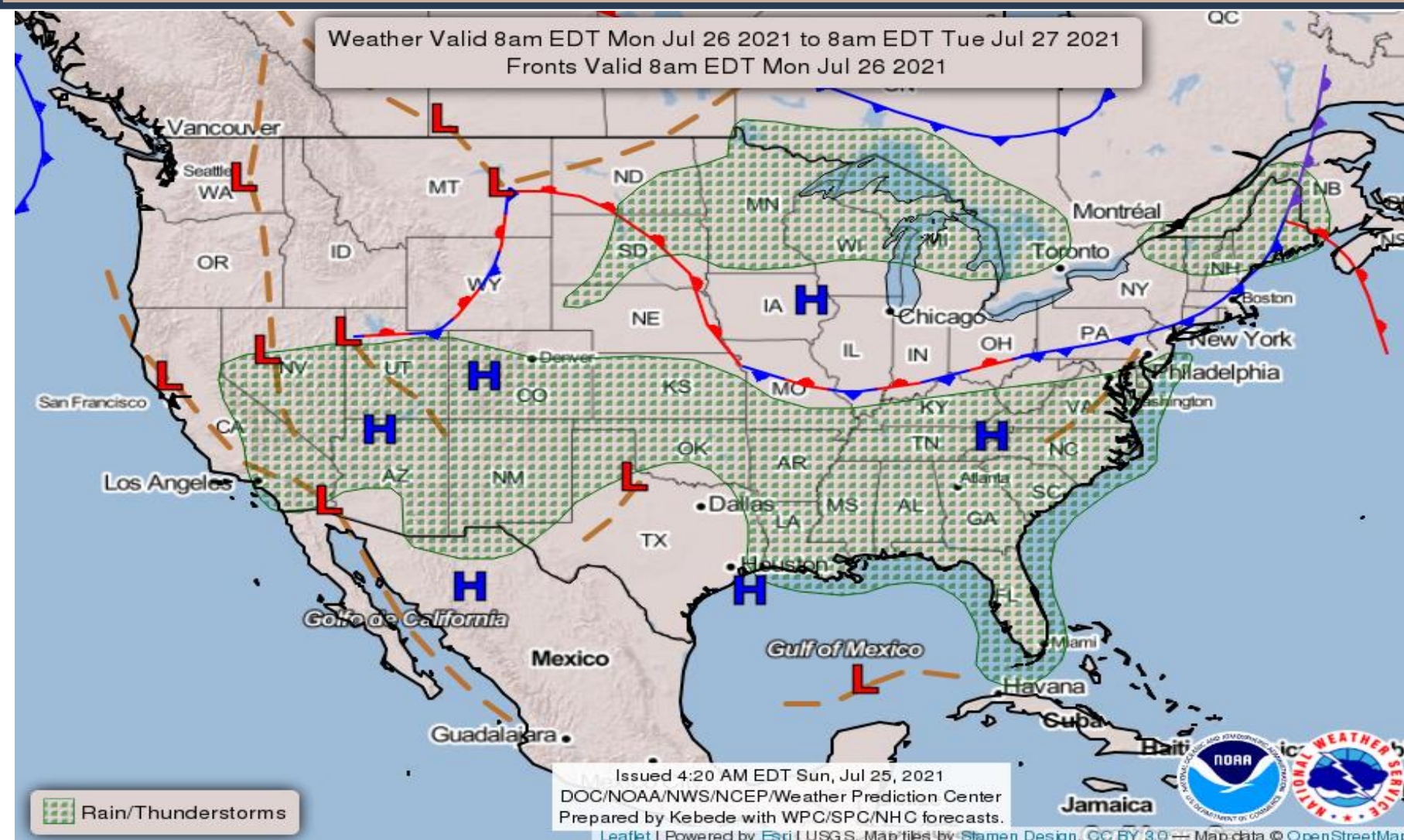


# Tomorrow's Weather

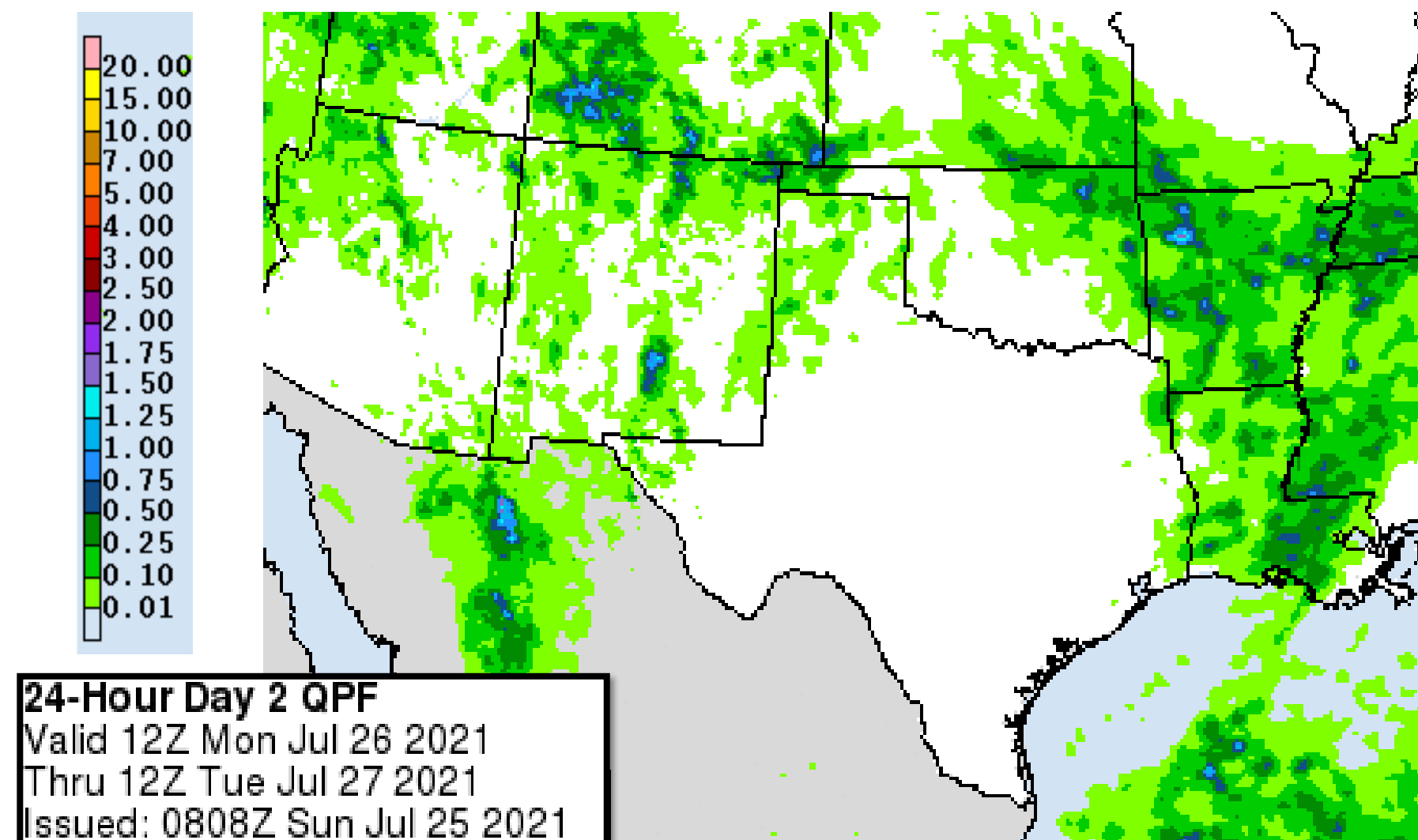


SR ROC  
REGIONAL OPERATIONS CENTER

## Forecast Chart

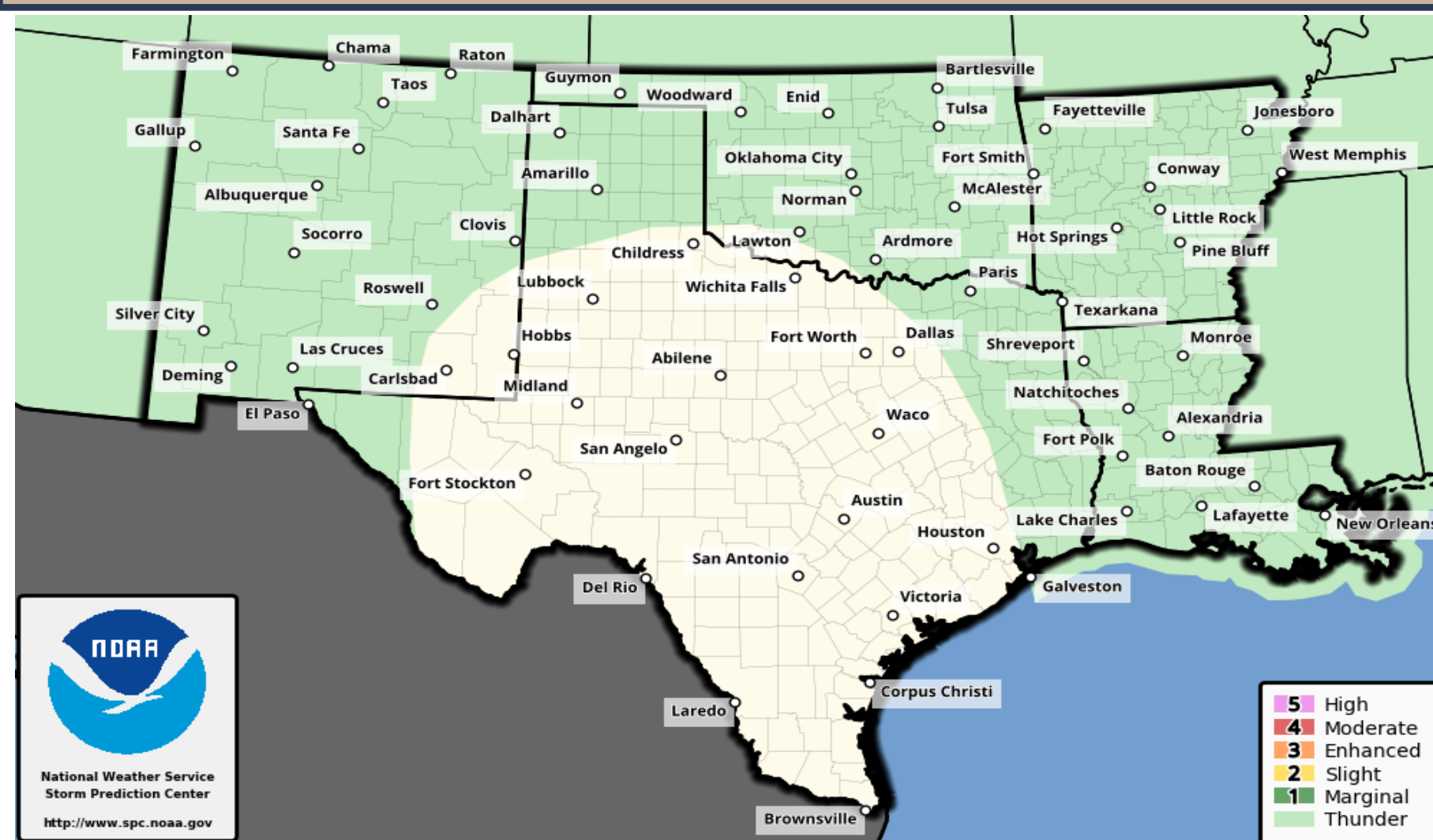


## Forecast Rainfall

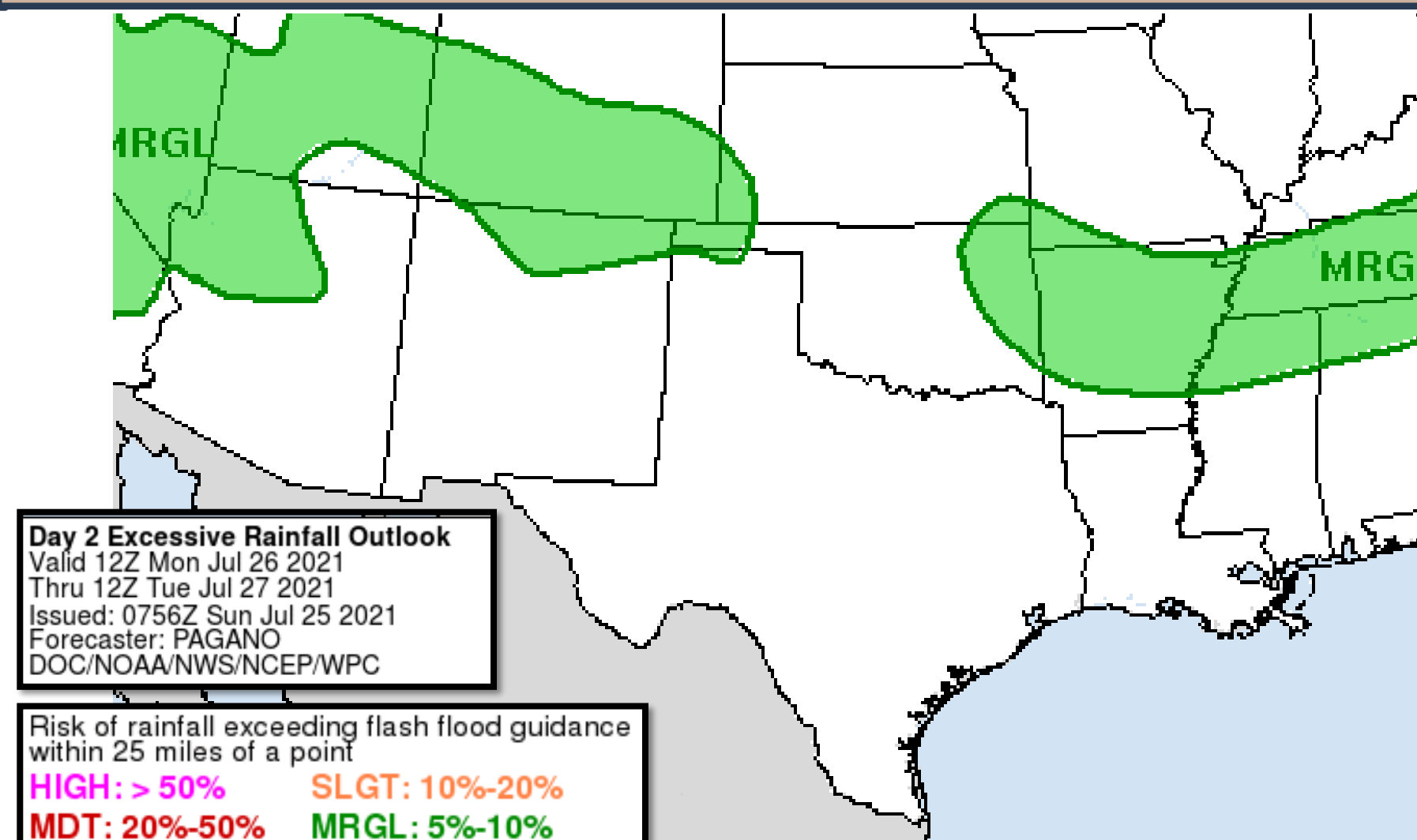


Isolated heavy rainfall and flash flooding possible over N NM, E OK and the OK Panhandle, and AR.

## Severe Weather Outlook



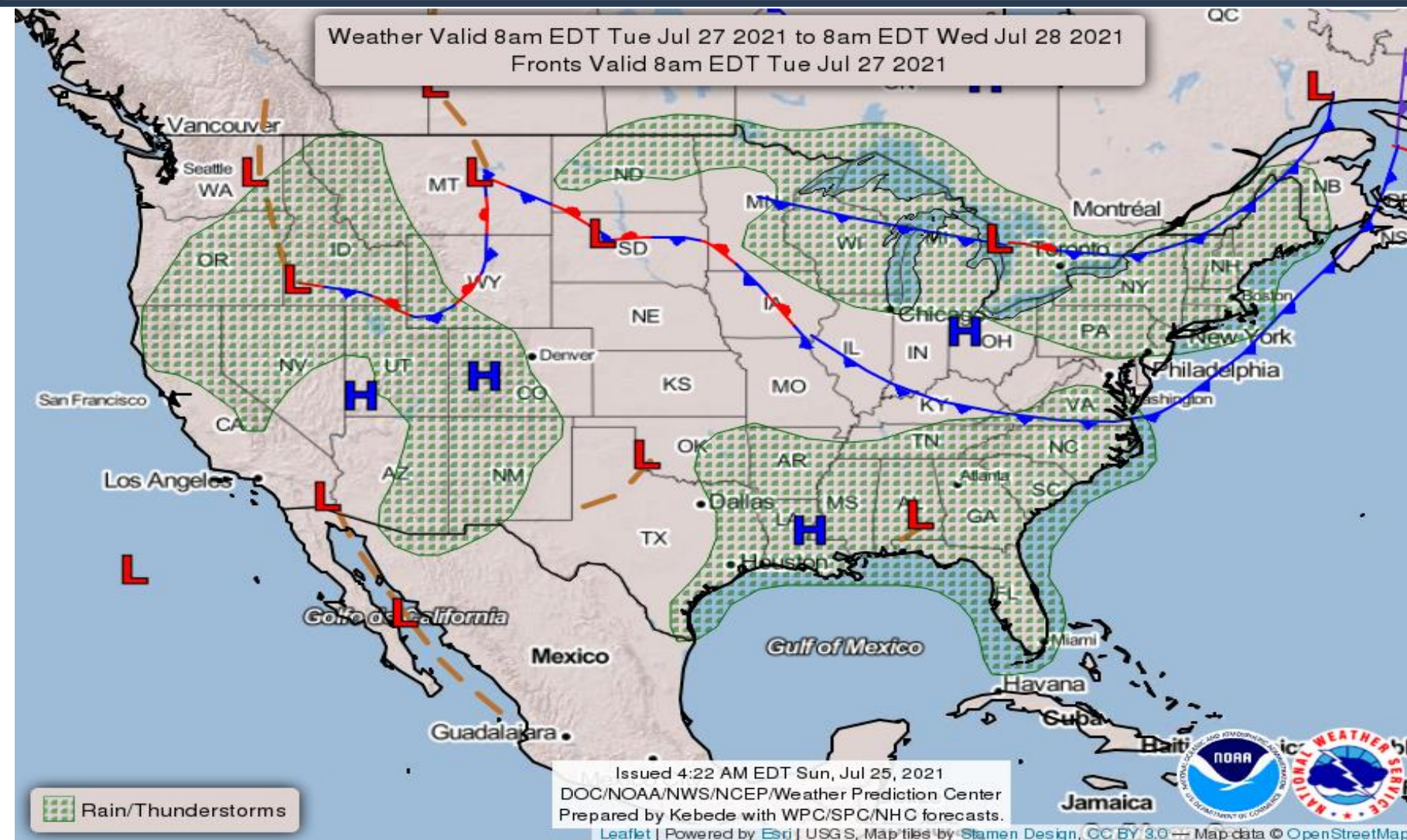
## Excessive Rainfall Outlook



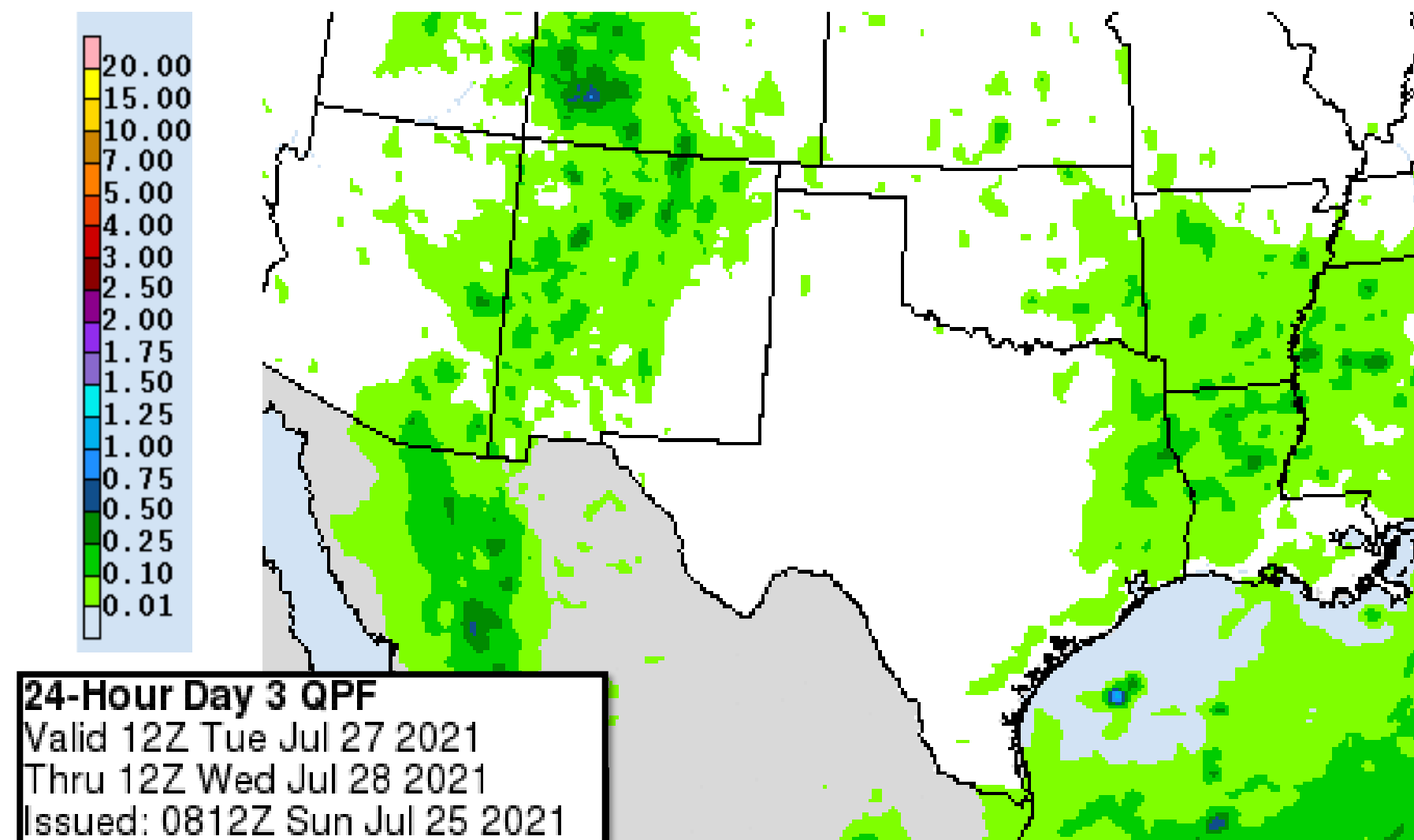


# Tuesday's Weather

## Forecast Chart

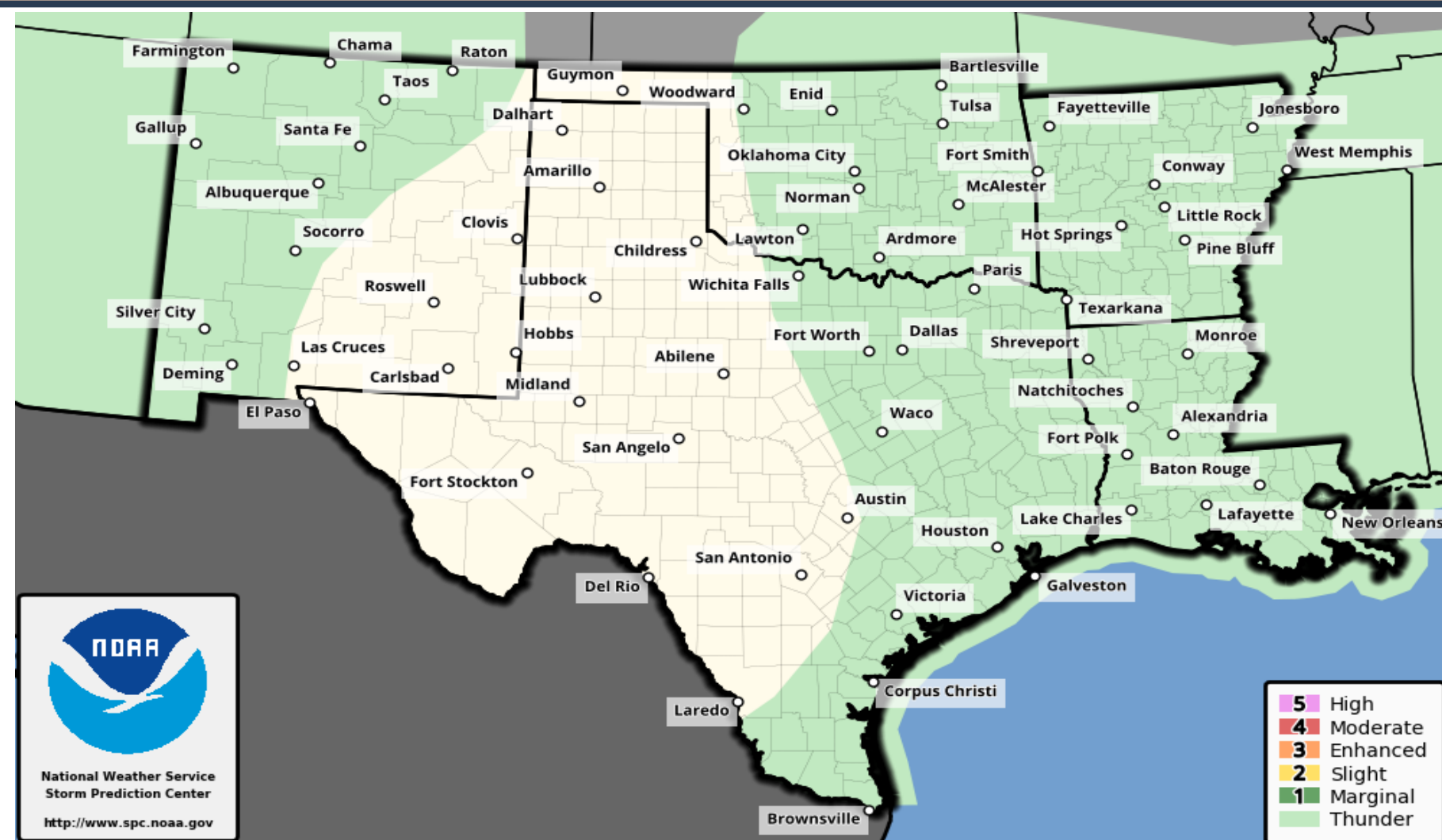


## Forecast Rainfall

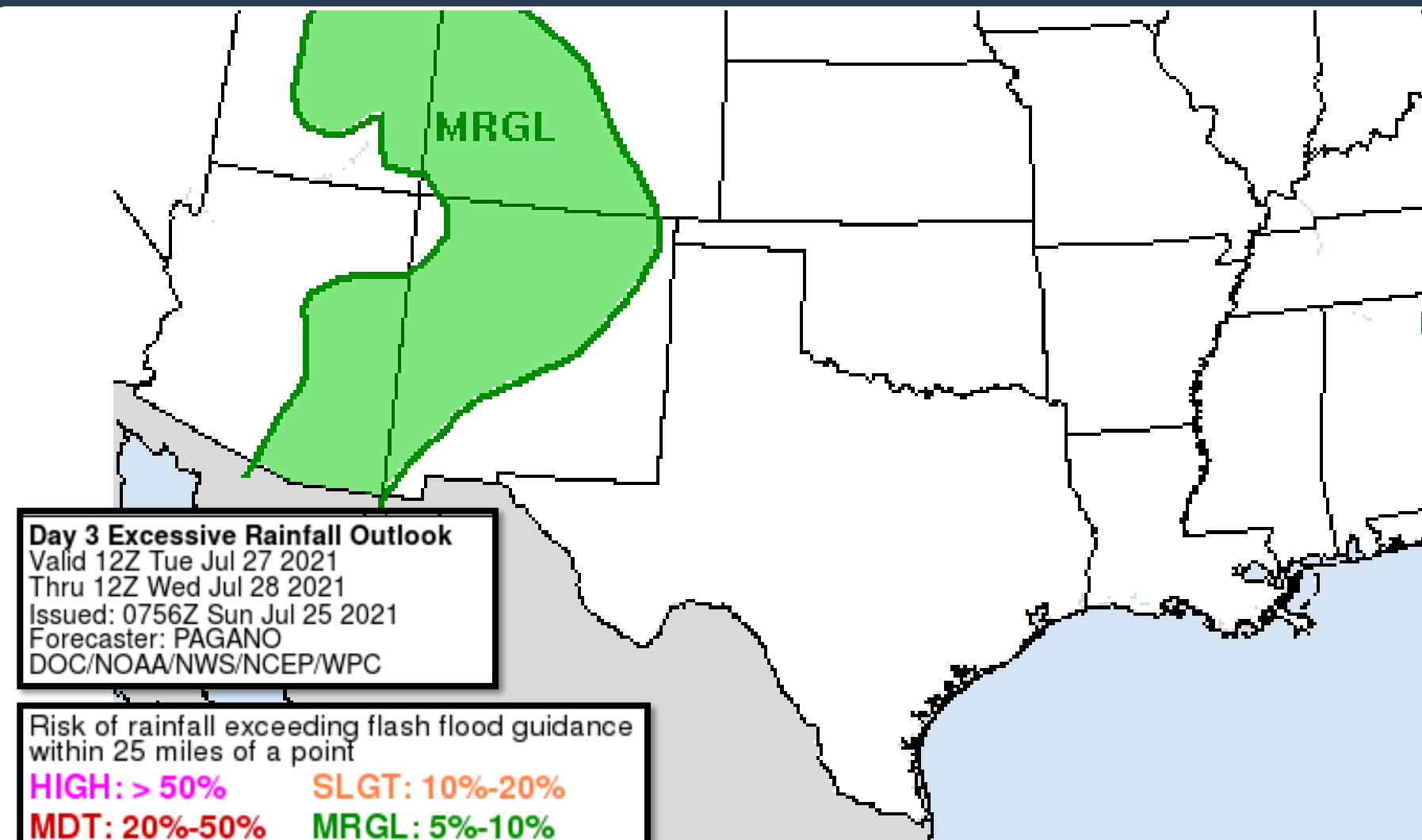


Isolated heavy rainfall and flash flooding possible over NM

## Severe Weather Outlook



## Excessive Rainfall Outlook





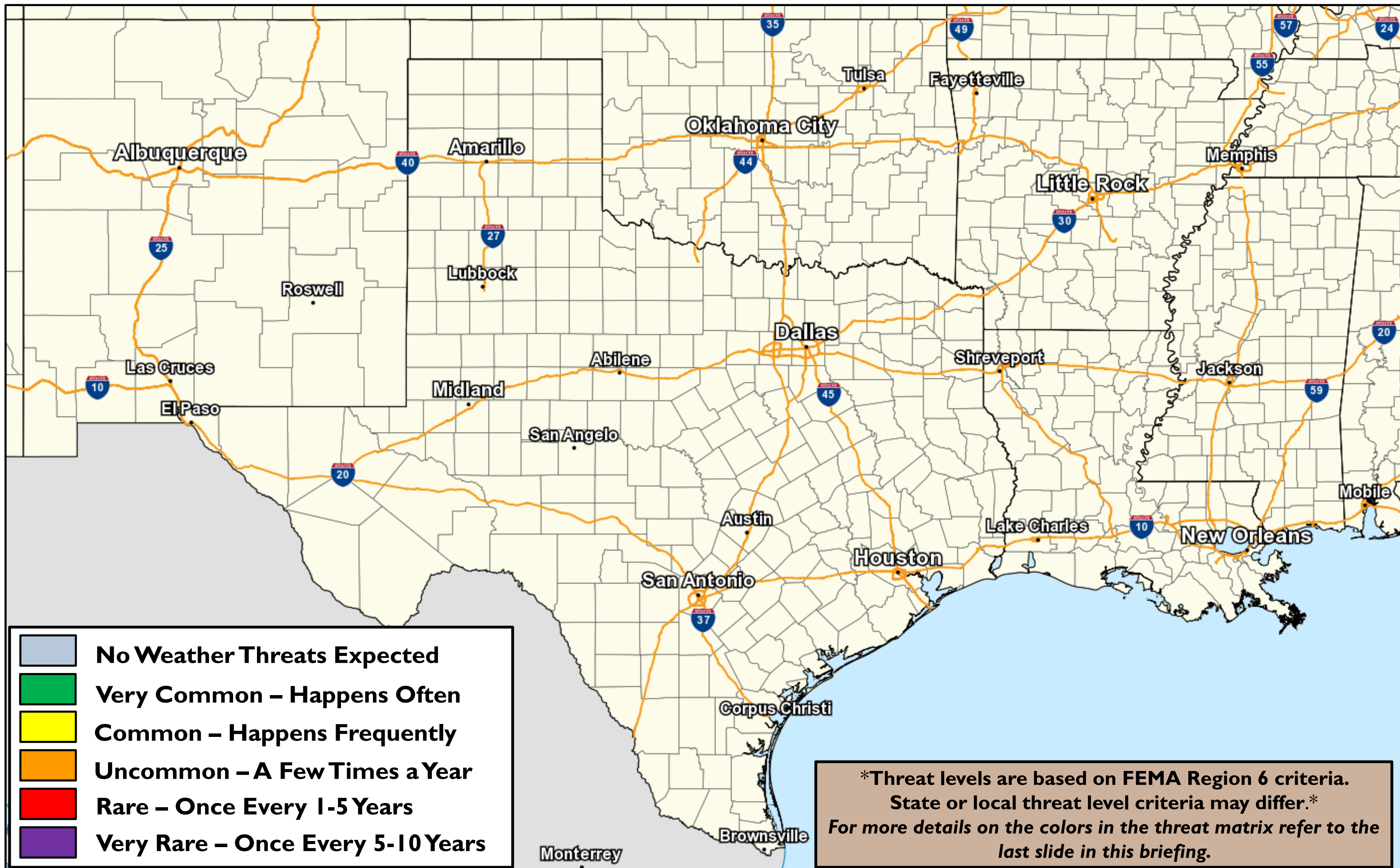
# Days 4-5 Weather Hazards

Wednesday - Thursday



SR ROC  
REGIONAL OPERATIONS CENTER

No significant weather  
expected.



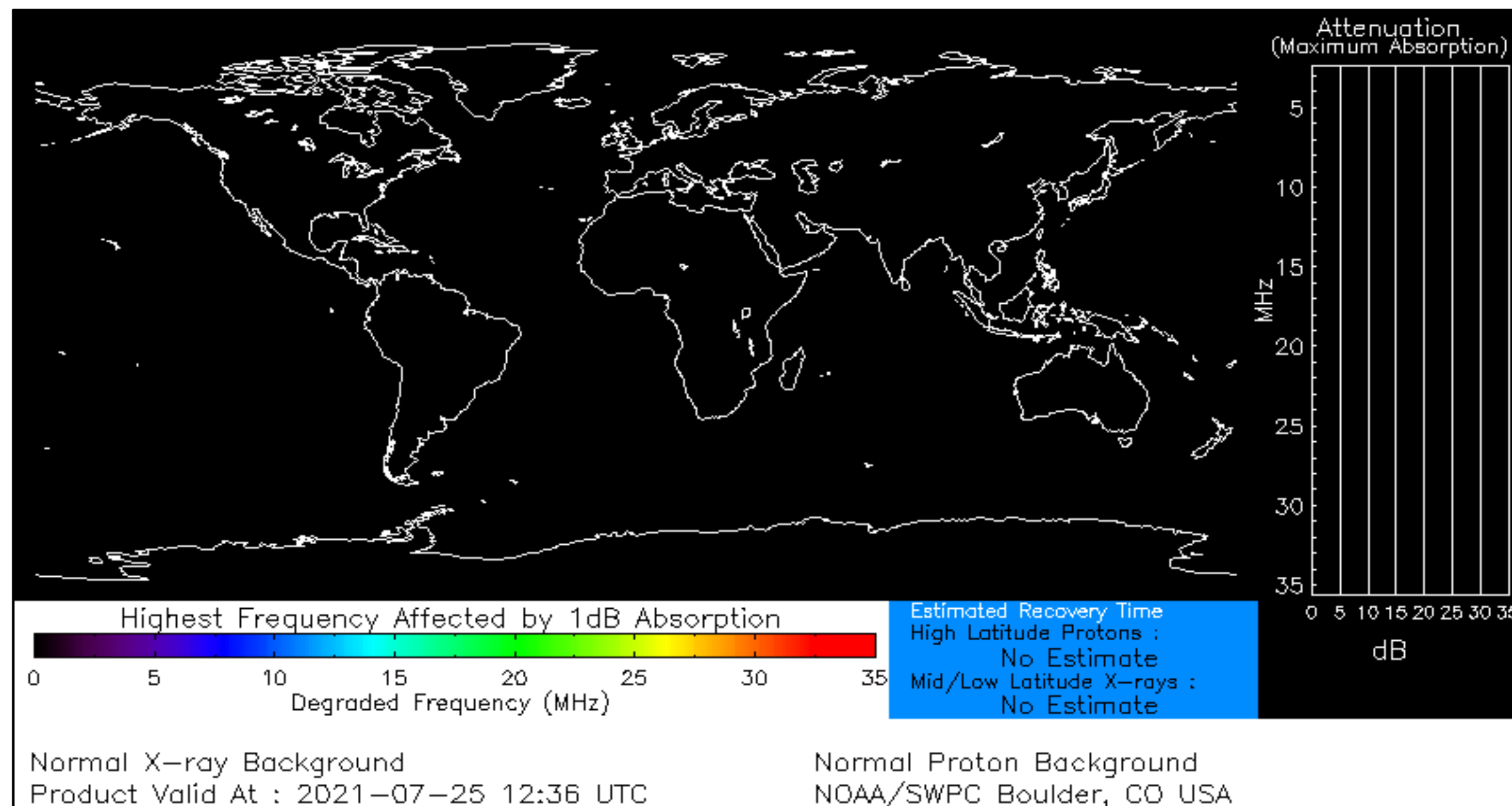


# Space Weather 3-Day Forecast



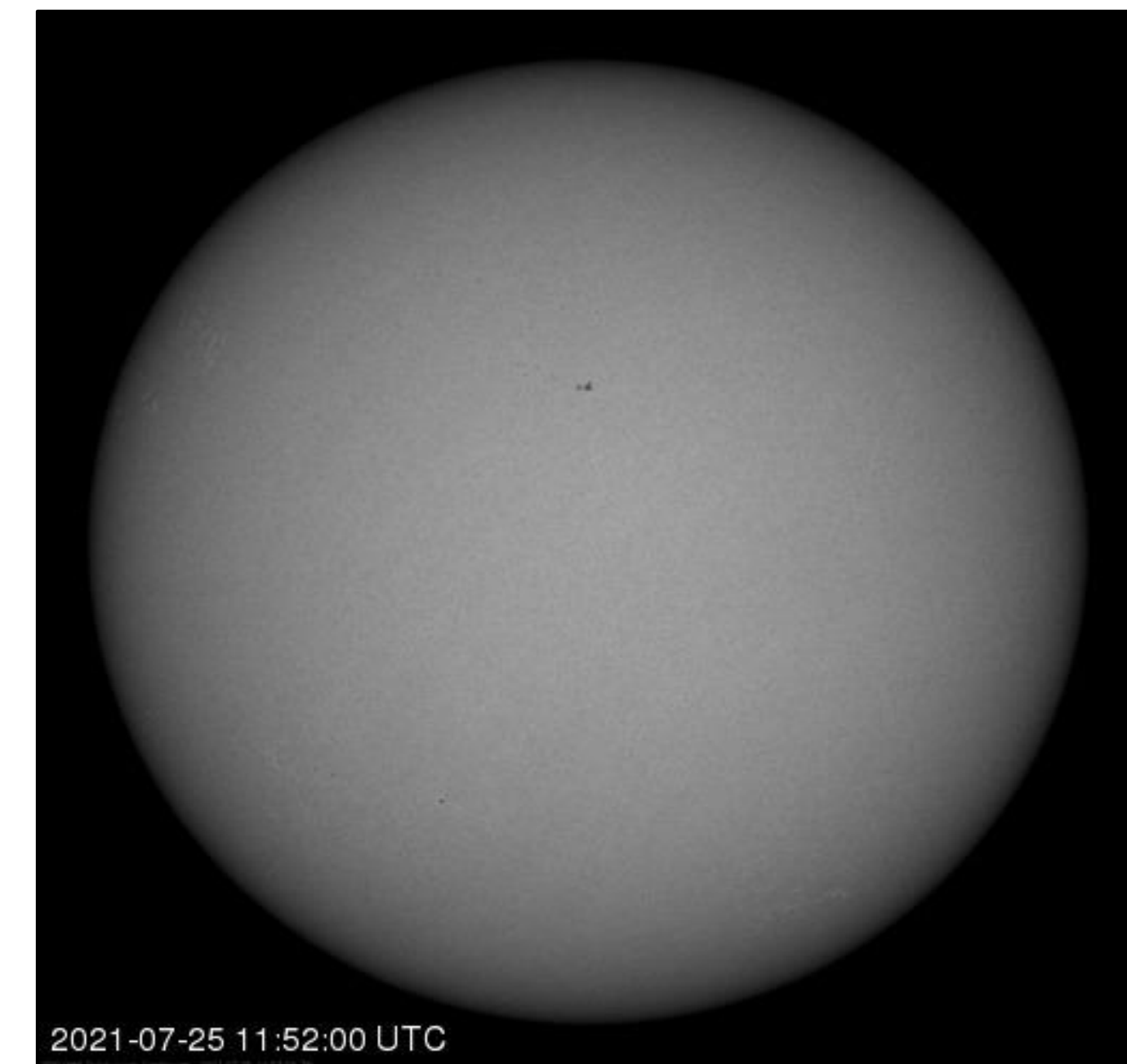
**SR ROC**  
REGIONAL OPERATIONS CENTER

|                                      | Sunday                        | Monday                        | Tuesday                       |
|--------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Geomagnetic Storms</b>            | <b>Quiet<br/>(Max Kp = 2)</b> | <b>Quiet<br/>(Max Kp = 2)</b> | <b>Quiet<br/>(Max Kp = 2)</b> |
| <b>Solar Radiation Storm (S1-S5)</b> | <b>1%</b>                     | <b>1%</b>                     | <b>1%</b>                     |
| <b>Radio Blackout (R1-R2)</b>        | <b>1%</b>                     | <b>1%</b>                     | <b>1%</b>                     |
| <b>Radio Blackout (R3-R5)</b>        | <b>1%</b>                     | <b>1%</b>                     | <b>1%</b>                     |



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





| Weather “Threat” Matrix |  |   |  |
|-------------------------|--|---|--|
| Color                   | Definition   | Criteria  | Example(s)   |
| Green                   | <b>Very Common</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Little Inconvenience to Daily Routines   | Severe: Marginal Risk from SPC<br>Flooding: Minor flooding expected over localized areas<br>Tropical: None<br>Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active   | <ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>   |
| Yellow                  | <b>Somewhat Common – Happens Frequently</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Some Inconvenience to Daily Life  | Severe: Slight Risk from SPC<br>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas<br>Tropical: A weak tropical wave expected to move towards or near any coastline<br>Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook   | <ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>   |
| Orange                  | <b>Uncommon – A Few Times a Year</b><br>Safety: Often Threatening to Life and Property, Some Damage Unavoidable<br>Impact Potential: Typically Results in Minor Disruption to Daily Life                                     | Severe: Enhanced Risk from SPC<br>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas<br>Tropical: A Tropical Storm expected to move towards or near any coastline<br>Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul> |
| Red                     | <b>Rare – Once every 1-5 Years</b><br>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed<br>Impact Potential: Will likely result in Large Disruption to Daily Life                            | Severe: Moderate Risk from SPC<br>Flooding: Moderate flooding expected over a widespread area (including urban locations)<br>Tropical: A Hurricane expected to move towards or near any coastline<br>Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought  | <ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>                                    |
| Purple                  | <b>Very Rare – Once Every 5-10 Years</b><br>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed<br>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC<br>Flooding: Major flooding expected over a widespread area (including urban locations)<br>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline<br>Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought                            | <ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>  |

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**